

## APPENDIX A

## REFERENCES

## A-1. PUBLICATION INDEXES

The following indexes should be consulted for latest changes or revisions of references given in this appendix and for new publications relating to information contained in this manual:

DA Pam 108-1 .....	Index of Motion Pictures, Film Strips, Slides, and Phono-Recordings
DA Pam 310-1 .....	Index of Administrative Publications
DA Pam 310-2 .....	Index of Blank Forms
DA Pam 310-3 .....	Index of Training Publications
DA Pam 310-4 .....	Index of Technical Manuals, Supply Manuals, Supply Bulletins, Lubrication Orders, and Modification Work Orders

## A-2. SUPPLY MANUALS

The Department of the Army supply manuals pertaining to the materials contained in this manual are as follows:

SC 3433-95-CL-A03 .....	Torch Outfit, Cutting and Welding
SC 3433-95-CL-A04 .....	Tool Kit, Welding
SC 3439-IL .....	FSC Group 34, Class 3439: Metal Working Machinery, Miscellaneous Welding, Soldering and Brazing Supplies and Accessories
SC 3470-95-CL-A07 .....	Shop Set, Welding and Blacksmith
SC 3470-95-CL-A10 .....	Shop Equipment, Welding

## A-3. TECHNICAL MANUALS AND TECHNICAL BULLETINS

The following DA publications contain information pertinent to this manual:

TB ENG 53 .....	Welding and Metal Cutting at NIKE Sites
TB MED 256 .....	Toxicology of Ozone
TB TC 11 .....	Arc Welding on Water-Borne Vessels
TB 34-91-167 .....	Welding Terms and Definitions Glossary
TB 9-2300-247-40 .....	Transport Wheeled Vehicles: Repair of Frames

A-3. TECHNICAL MANUALS AND TECHNICAL BULLETINS (cont)

TB 9-3439-203/1	Conversion of Welding Electrode Holder for Supplemental Air-Arc Metal cutting
TM 10-270	General Repair of Quartermaster Items of General Equipment
TM 38-750	The Army Equipment Record System and Procedure
TM 5-805-7	Welding Design, Procedures, and Inspection
TM 5-3431-209-5	Operator, Organizational, Direct Support and General Support Maintenance Manual: Welding Machine, Arc, Generator, Power Take-off Driven, 200 Amp, DC, Single Operator, Base Mounted (Valentine Model 26381)
TM 5-3431-211-15	Operator, Organizational, Direct Support, General Support, and Depot Maintenance Manual (Including Repair Parts and Special Tools Lists): Welding Set, Arc, Inert Gas Shielded Consumable Metal Electrode for 3/4 Inch Wire, DC 115 V (Air Reduction Model 2351-0685)
TM 5-3431-213-15	Organizational, Direct Support, General Support, and Depot Maintenance Manual with Repair Parts and Special Tools Lists: Welding Machine, Arc, General and Inert Gas Shielded, Transformer-Rectifier Type AC and DC; 300 Ampere Rating at 60% Duty Cycle (Harnischfeger Model DAR-300HFSG)
TM 5-3431-221-15	Operator, Organizational, Direct Support and General Support Maintenance Manual: Welding Machine, Arc, Generator, Gasoline Driven, 300 Amp at 20 V Min, 375 Amp at 40 V Max, 115 V, DC, 3 KW, Skid Mounted, Winterized (Libby Model LEW-300)
TM 9 -213	Painting Instructions, Field Use
TM 9-2920	Shop Mathematics
TM 9-3433 -206-10	Spray Gun, Metallizing (Metallizing Co. of America "Turbo-Jet")

A-4. OTHER FORMS AND PUBLICATIONS

A-4. OTHER FORMS AND PUBLICATIONS (cont)

a. The following explanatory publications contain information pertinent to this material and associated equipment:

AWS A2.0-58	Welding Symbols
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DA FORM 2028 .....	Recommended Changes to publications and Blank Forms
MIL-E-17777C .....	Electrodes Cutting and Welding Carbon-Graphite Uncoated and Copper Coated
MIL-E-18038 .....	Electrodes, Welding, Mineral Covered, Low Hydrogen, Medium and High Tensile Steel as Welded or Stress and Relieved Weld Application and Use
MIL-E-22200/1 t h r u MIL-E-22200/7	Electrodes, Welding, Covered
MIL-M-45558 .....	Moisture Stabilizer, Welding Electrode
MIL-STD-21 .....	Weld Joint Designs, Armored Tank Type
MIL-STD-22 .....	Weld Joint Designs
MIL-STD-101 .....	Color Code for Pipe Lines and Compressed Gas Cylinders
MIL-W-12332 .....	Welding, Resistance, Spot and Projection, for Fabricating Assemblies of Low Carbon Steel
MIL-W-18326 .....	Welding of Magnesium Alloys, Gas and Electric, Manual and Machine, Process for
MIL-W-21157 .....	Weldments, Steel, Carbon and Low Alloy; Yield Strength 30,000-60,000 PSI
MIL-W-22248 .....	Weldments, Aluminum and Aluminum Alloys
MIL-W-27664 .....	Welding, Spot, Inert Gas Shielded Arc
MIL-W-41 .....	Welding of Armor, Metal-Arc, Manual, with Austentic Electrodes for Aircraft
MIL-W-6858 .....	Welding, Resistance, Aluminum, Magnesium, Non-Hardening Steels or Alloys, and Titanium Alloys, Spot and Seam
MIL-W-6873 .....	Welding, Flash, Carbon and Alloy Steel
MIL-W-8604 .....	Welding of Aluminum Alloys, Process for
MIL-W-8611 .....	Welding, Metal-Arc and Gas, Steels and Corrosion and Heat Resisting Alloys, Process for
MIL-W-45205 .....	Welding, Inert Gas, Metal-Arc, Aluminum Alloys Readily Weldable for Structures, Excluding Armor
MIL-W-45206 .....	Welding, Aluminum Alloy Armor

A-4. OTHER PUBLICATIONS (cont)

MIL-W-45210 ..... Welding, Resistance, Spot, Weldable Aluminum Alloys  
MIL-W-45223 ..... Welding, Spot, Hardenable Steel

b. The following health and safety standards are pertinent to this material and associated equipment:

ANSI (American National Standards Institute) Z49.1-1973, Safety in Welding and Cutting

ANSI Z87.1-1968, American National Standard Practice for Occupational and Educational Eye and Face Protection

ANSI 788.12, Practices for Respiratory Protection

AWS (American Welding Society), Bare Mild Steel Electrodes and Fluxes for Submerged Arc Welding

AWS, Carbon Steel Electrodes for Flux Cored Arc Welding

AWS, Flux Cored Corrosion Resisting Chromium and Chromium-Nickel Steel Electrodes

41 Code of Federal Regulations 50-204.7

29 Code of Federal Regulations 1910

National Bureau of Standards, Washington DC, National Safety Code for the Protection of Hands and Eyes of Industrial Workers

NFPA (National Fire Protection Association) 51-1969, Welding and Cutting Oxygen Fuel Gas systems

NFPA 51B-1962, Standard for Fire Prevention in Use of Cutting and Welding Processes

NFPA 566-1965, Standard for Bulk Oxygen Systems at Consumer Sites

Public Law 91-596, Occupational Safety and Health Act of 1970; especially Subpart 1, Personal Protective Equipment, paragraph 1910.132; and Subpart Q, Welding, Cutting, and Brazing, paragraph 1910.252

c. The following commercial publications are available in technical libraries:

Welding Data Book ..... Welding Design & Fabrication (Industrial Publishing Co. ) Cleveland, OH 44115

The Welding Encyclopedia ..... Welding Engineers Publications Inc. Morton Grove, IL 60053

d. The following commercial and military publications are provided as a bibliography:

Modern Welding Technology, Prentice-Hall, 1979, Englewood Cliffs, NJ

ST 9-187, Properties and Identification of Metal and Heat Treatment of Steel, 1972

Symbols for Welding and Nondestructive Testing Including Brazing, American Welding Society, 9179, Miami, FL

TM 5-805-7, Welding Design, Procedures and Inspection, 1976

TM 9-237, Welding Theory and Application, 1976

Welding Encyclopedia, Monticello Books, 1976, Lake Zurich, IL

Welding Handbook, Seventh Edition, Volume 1: Fundamentals of Welding, 1981, American Welding Society, Miami, FL

Welding Handbook, Seventh Edition, Volume 2: Welding Processes - Arc and Gas Welding, Cutting, and Brazing, 1981, American Welding Society, Miami, FL

Welding Handbook, Seventh Edition, Volume 3: Welding Processes - Resistance and Solid-State Welding and Other Joining Processes, 1981, American Welding Society, Miami, FL

Welding Handbook, Seventh Edition, Volume 4: Metals and their Weldability, 1981, American Welding Society, Miami, FL

Welding Handbook, Sixth Edition, Volume 5: Applications of Welding, 1973, American Welding Society, Miami, FL

Welding Inspection, 1980, American Welding Society, Miami, FL

Welding Terms and Definitions, 1976, American Welding Society, Miami, FL

